

CLAIMS

What is claimed is: -

1. A fore grip for mounting to a firearm to stabilize the firearm, said fore grip

comprising: -

means for attachment to a firearm;

a grip portion;

a collapsible and concealable bipod contained within a recess inside said grip;

deployment means for deployment of the bipod from within said fore grip, said bipod coupled to means for deployment; and

retention means to retain said deployment means within said fore grip upon activation of said deployment means.

2. A fore grip for mounting to a firearm to stabilize the firearm, said fore grip

comprising: -

means for attachment to a firearm wherein said means is a mounting assembly coupled to the grip portion, and where said mounting assembly is removably coupled to a firearm;

a grip portion;

a plurality of legs hingably coupled to a deployment mechanism;

a plurality of legs being provided with feet;

means for spreading the legs into a locked position upon deployment from the fore grip, said means comprising a spring mechanism positioned between said legs;

a deployment mechanism comprising a spring and piston assembly and a catch attached to said piston assembly;

a tubular recess positioned within said grip portion for storage of said deployment mechanism and a plurality of legs;
a release mechanism comprising a spring release mechanism positioned within said fore grip, said release mechanism interfacing with said catch attached to said piston assembly; and
means for retaining said deployment mechanism, said means comprising a retention ring attached to the base of said fore grip.

3. The fore grip of Claim 2, wherein said fore grip has means for attachment to a firearm wherein said means is a mounting assembly detachably coupled to the grip portion, and where said mounting assembly is removably coupled to a firearm.
4. The fore grip of Claim 2 wherein said fore grip has means for prevention of rotation of the deployment mechanism upon activation of the release mechanism, said means comprising said tubular recess within grip portion being provided with at least one longitudinal groove or slot and said piston being provided with at least one protrusion that interfaces with said longitudinal groove or slot.
5. The fore grip of Claim 2 wherein said fore grip has means for prevention of rotation of the deployment mechanism upon activation of the release mechanism, said means comprising said tubular recess within grip portion being provided with at least one longitudinal protrusion or rib and said piston being provided with at least one recess that interfaces with said longitudinal protrusion or rib.
6. The fore grip of Claim 2 further comprising said feet being integral with said plurality of legs.
7. The fore grip of Claim 6 further comprising said feet being of a fixed thickness.
8. The fore grip of Claim 6 further comprising said feet being of a variable thickness.

9. The fore grip of Claim 2 further comprising said feet being detachable from said plurality of legs.

10. The fore grip of Claim 9 further comprising said feet being of a fixed thickness.

11. The fore grip of Claim 9 further comprising said feet being of a variable thickness.

12. The fore grip of Claim 2 wherein said fore grip is provided with a plurality of annular grooves extending around the circumference of the fore grip.

13. A fore grip for mounting to a firearm to stabilize the firearm, said fore grip comprising: -

- a mounting assembly coupled to the grip portion, said mounting assembly being adapted for removably coupling to a firearm;

- a grip portion that is provided with a plurality of annular grooves extending around the circumference of the grip portion;

- a plurality of legs hingably coupled to a deployment mechanism;

- means for spreading the legs into a locked position upon deployment from the fore grip, said means comprising a spring mechanism positioned between said legs;

- a plurality of legs being provided with feet;

- a deployment mechanism comprising a spring and piston assembly and a catch attached to said piston assembly;

- a tubular recess positioned within said grip portion for storage of said deployment mechanism and a plurality of legs;

- a release mechanism comprising a spring release mechanism positioned within said fore grip, said release mechanism interfacing with said catch attached to said piston assembly;

means for retaining said deployment mechanism, said means comprising a retention ring attached to the base of said fore grip; and

means for prevention of rotation of the deployment mechanism upon activation of the release mechanism.

14. The fore grip of Claim 13 wherein said fore grip has means for attachment to a firearm wherein said means is a mounting assembly detachably coupled to the grip portion, and where said mounting assembly is removably coupled to a firearm.

15. The fore grip of Claim 13 further comprising said feet being integral with said plurality of legs.

16. The fore grip of Claim 15 further comprising said feet being of a fixed thickness.

17. The fore grip of Claim 15 further comprising said feet being of a variable thickness.

18. The fore grip of Claim 13 further comprising said feet being detachable from said plurality of legs.

19. The fore grip of Claim 18 further comprising said feet being of a fixed thickness.

20. The fore grip of Claim 18 further comprising said feet being of a variable thickness.

21. The fore grip of Claim 13 wherein the means for prevention of rotation of the deployment mechanism upon activation of the release mechanism comprises said tubular recess within grip portion being provided with at least one longitudinal groove or slot and said piston being provided with at least one protrusion that interfaces with said longitudinal groove or slot.

22. The fore grip of Claim 13 wherein said fore grip has means for prevention of rotation of the deployment mechanism upon activation of the release mechanism, said means comprising said tubular recess within grip portion being provided with at

least one longitudinal protrusion or rib and said piston being provided with at least one recess that interfaces with said longitudinal protrusion or rib.

23. A fore grip for mounting to a firearm to stabilize the firearm, said fore grip comprising: -

- a mounting assembly coupled to the grip portion, said mounting assembly being adapted for removably coupling to a firearm, and said mounting assembly being detachably coupled to the grip portion;
- a grip portion that is provided with a plurality of annular grooves extending around the circumference of the grip portion;
- a plurality of legs hingably coupled to a deployment mechanism;
- means for spreading the legs into a locked position upon deployment from the fore grip, said means comprising a spring mechanism positioned between said legs;
- a plurality of legs being provided with feet;
- a deployment mechanism comprising a spring and piston assembly and a catch attached to said piston assembly;
- a tubular recess positioned within said grip portion for storage of said deployment mechanism and a plurality of legs;
- a release mechanism comprising a spring release mechanism positioned within said fore grip, said release mechanism interfacing with said catch attached to said piston assembly;
- means for retaining said deployment mechanism, said means comprising a retention ring attached to the base of said fore grip; and
- means for prevention of rotation of the deployment mechanism upon activation of the release mechanism.